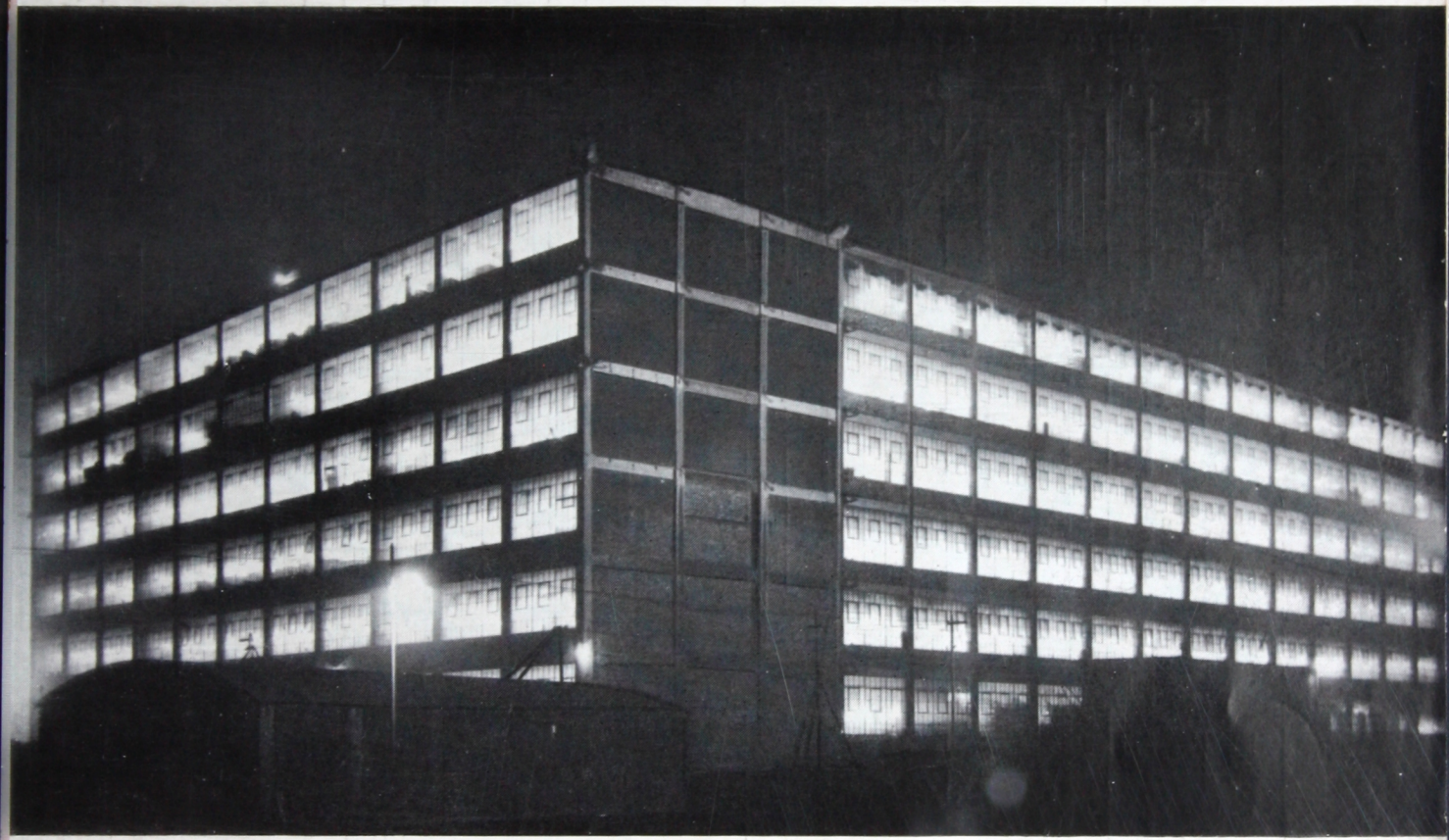


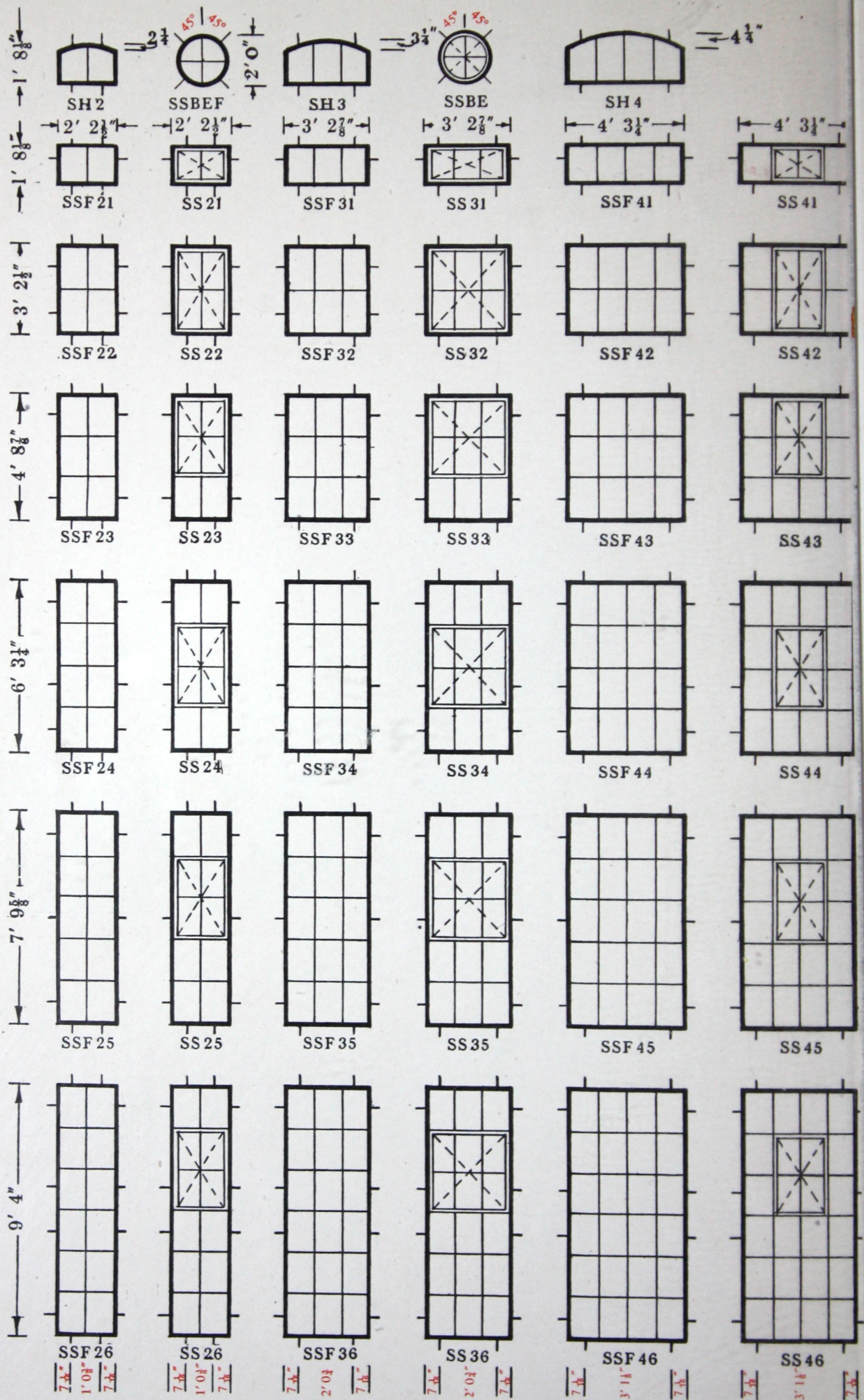
HOPE'S Standard



HOT-DIP GALVANIZED SASHES

LIST No. 226

HOPE'S GALVANIZED SASHES



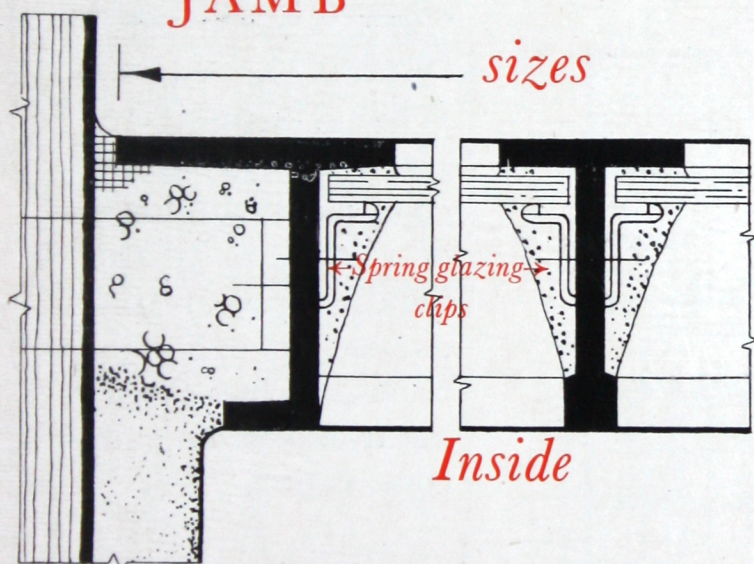
INSIDE ELEVATIONS

HOPE'S *Standard* SASHES

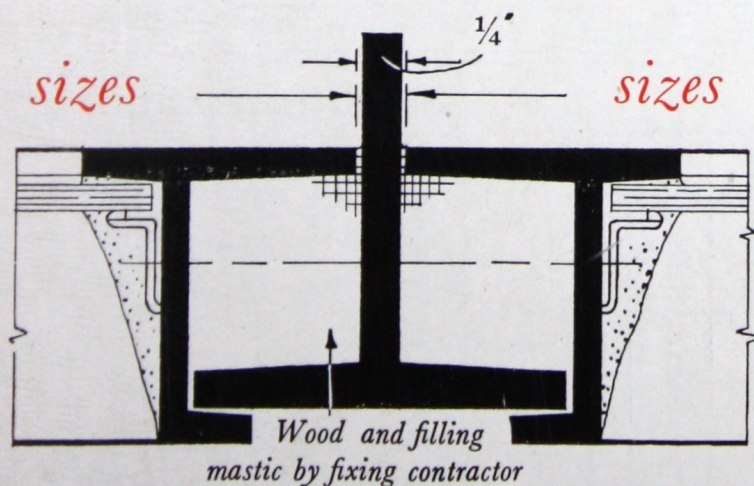
VENTILATORS are made separately of universal casement sections with welded corners, without loose or applied linings, afterwards bedded and screwed into the sash frames.

COUPLING. Large windows can be made of standard units coupled together with suitable mullions and transoms. Units and coupling members are despatched separately ready for assembly on job by the fixing contractor.

JAMB



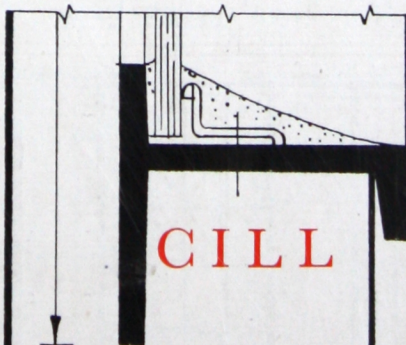
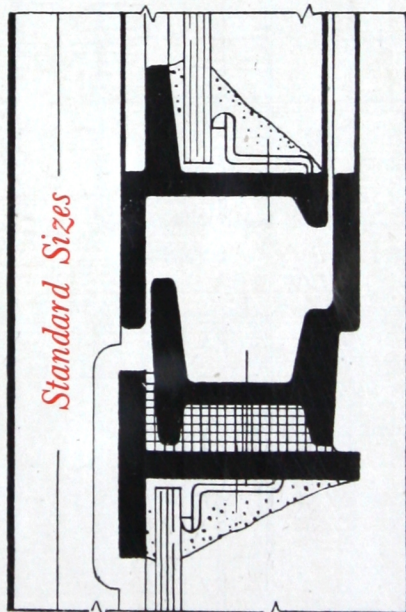
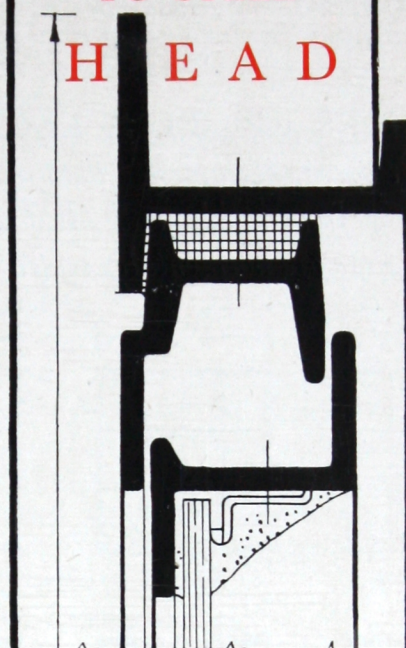
COUPLING MEMBER



FULL SIZE DETAILS

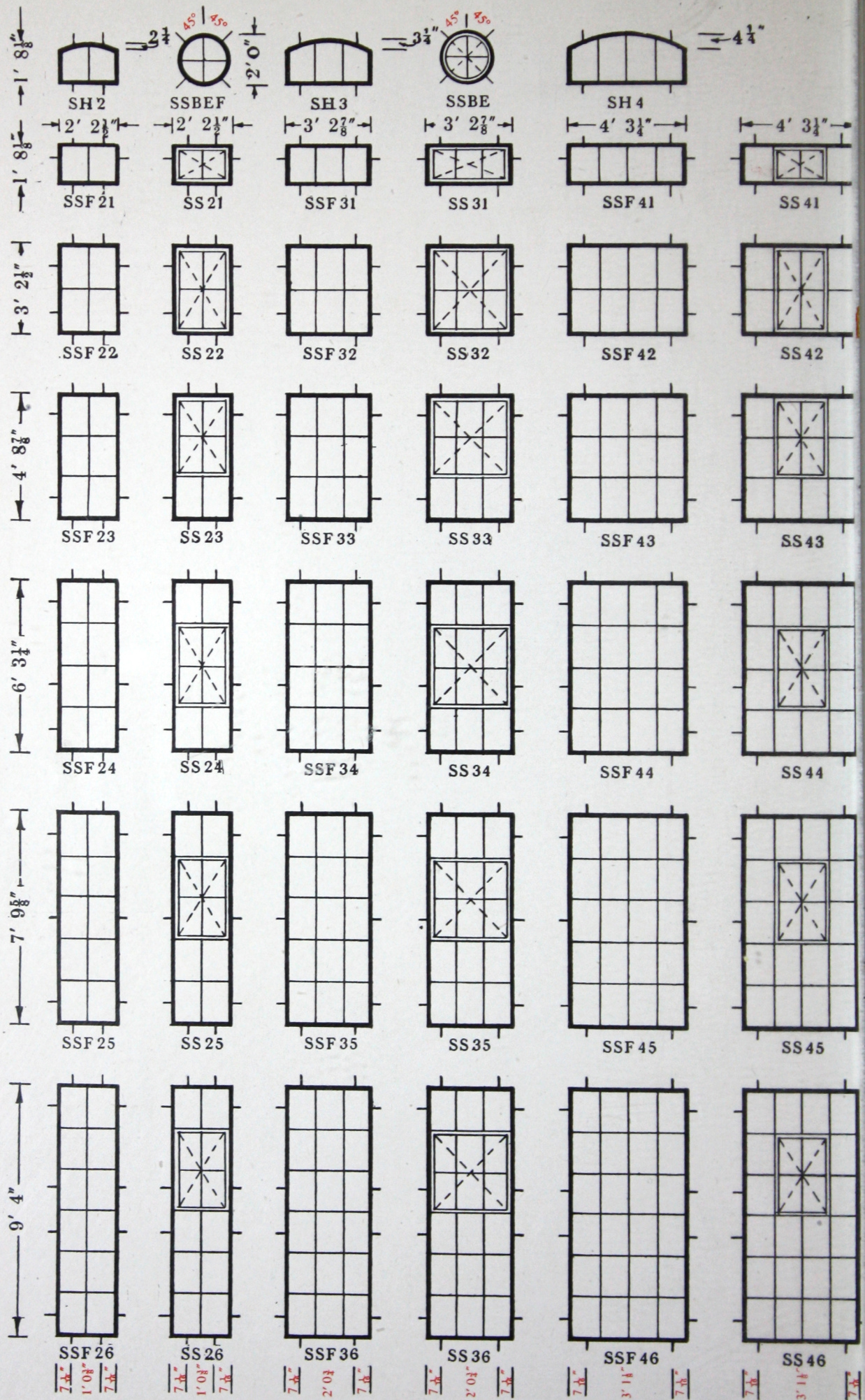
TEE MULLION
PROJECTS 1"
UNLESS FIXED
TO STEEL

HEAD



TEE MULLION
PROJECTS 1"
UNLESS FIXED
TO STEEL

HOPE'S GALVANIZED SASHES



INSIDE ELEVATIONS

SPECIFICATION

HOPE'S STANDARD SASHES are prepared for inside putty glazing with a flanged frame bar all round, suitable for fixing to brickwork, concrete or steelwork. Lugs or bolts and nuts for fixing are sent separately.

VENTILATORS, unless specified otherwise, are HORIZONTALLY CENTRE-HUNG, but may be hung at top or bottom without extra cost when specially ordered.

HORIZONTALLY CENTRE-HUNG VENTILATORS are hung on bronze cup pivots and fitted with a bronze spring catch for hand, cord or pole operation.

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BOTTOM-HUNG VENTILATORS are hung on corner hinges and fitted with folding side arms, and bronze spring catch for hand, cord or pole operation.

HOPPER VENTILATORS with sheet steel side cheeks (despatched separately) can be supplied at extra cost; fitted with brass spring catch for hand, cord or pole operation.

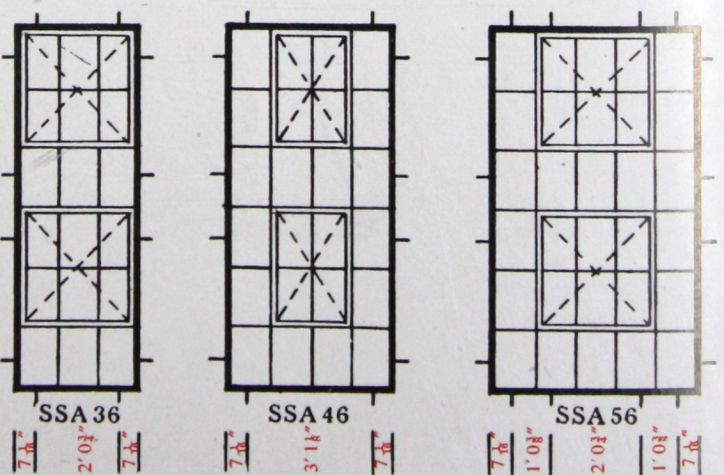
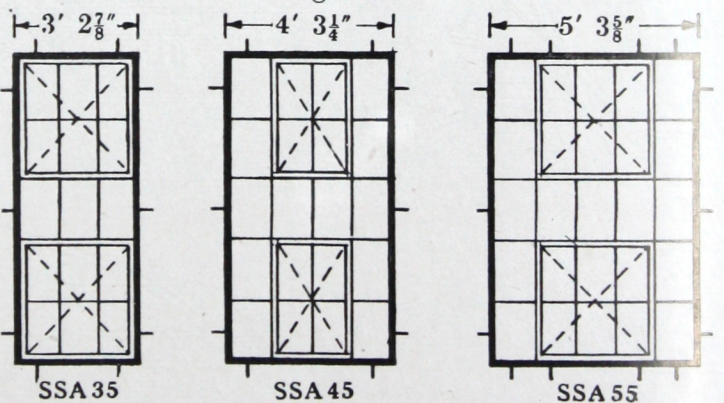
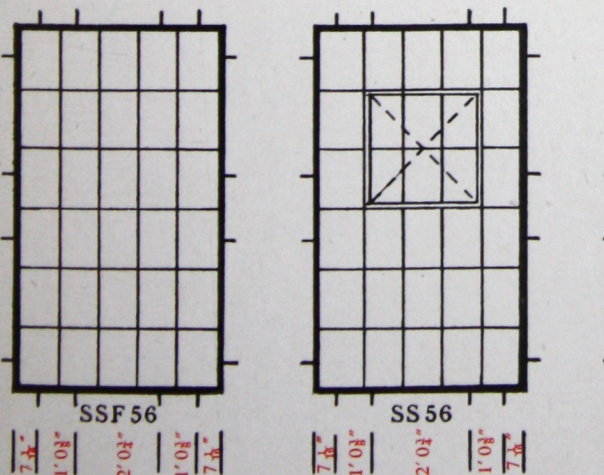
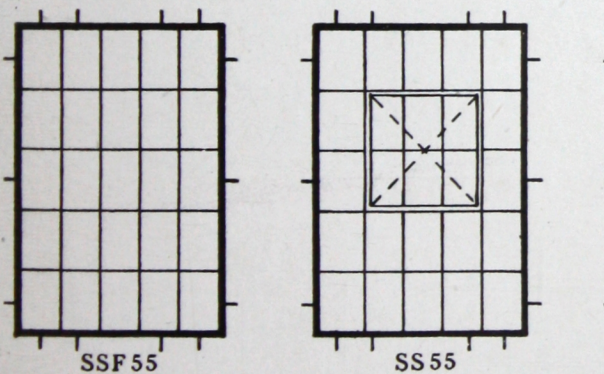
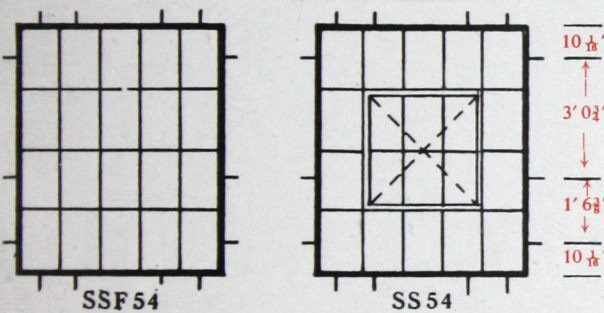
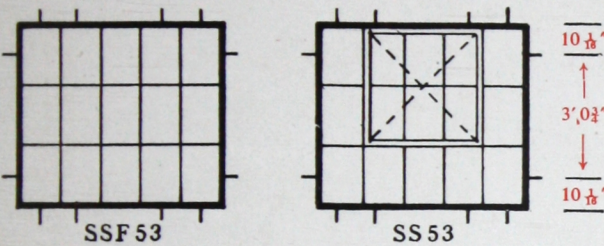
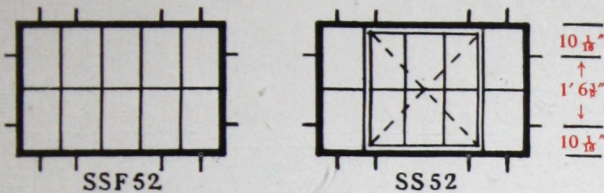
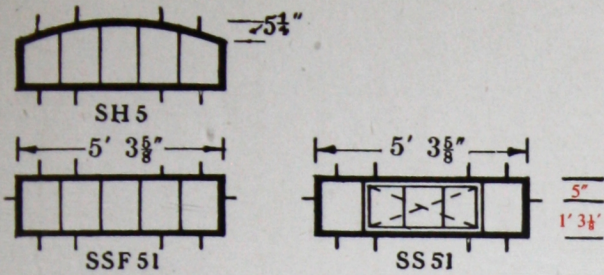
SIZES are overall steel frames.

GLAZING. Holes are drilled and spring wire glazing clips are supplied. Special Metal Sash Putty should be used.

GLASS SIZES on back cover.

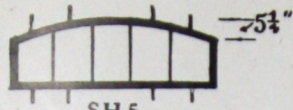
FINISH. Hot-dip galvanized and delivered unpainted.

Handling, fixing and glazing instructions are sent with each consignment.

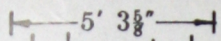


POSITIONS OF FIXING HOLES IN RED

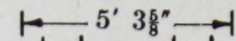
SPECIFICATION



SH 5

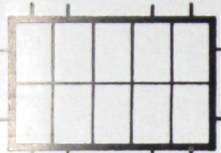


SSF 51

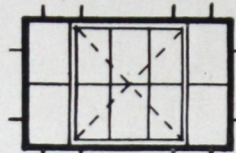


SS 51

5"
1' 3 1/4"

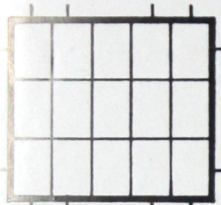


SSF 52

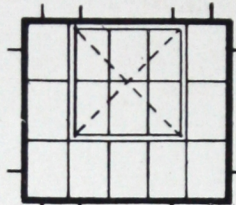


SS 52

10 1/2"
1' 6 3/4"
10 1/2"

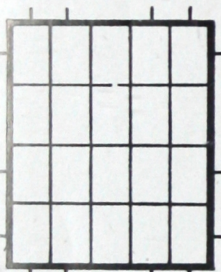


SSF 53

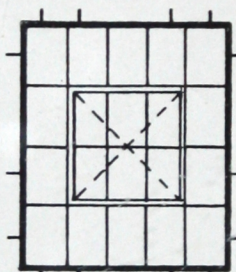


SS 53

10 1/2"
3' 0 3/4"
10 1/2"

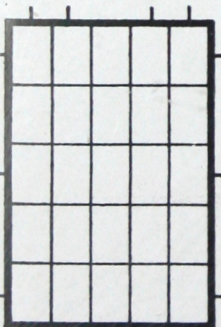


SSF 54

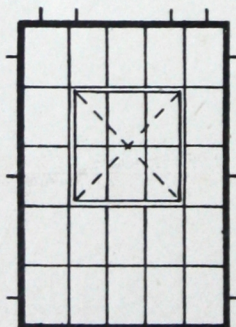


SS 54

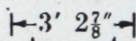
10 1/2"
3' 0 3/4"
1' 6 3/4"
10 1/2"



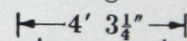
SSF 55



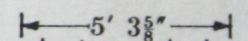
SS 55



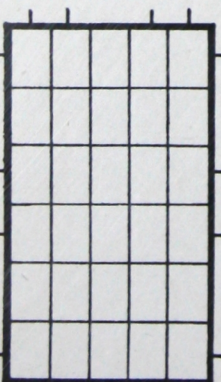
SSA 35



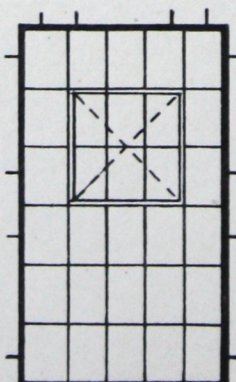
SSA 45



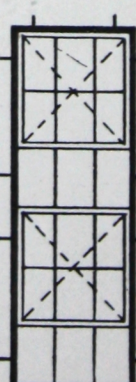
SSA 55



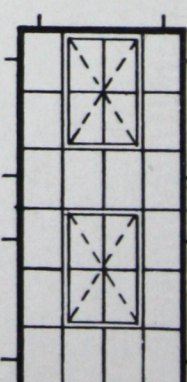
SSF 56



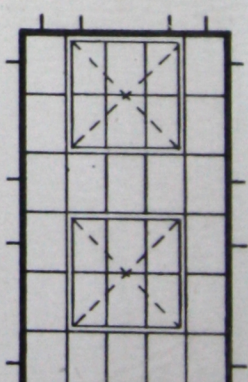
SS 56



SSA 36



SSA 46



SSA 56

7 1/2"
1' 0 3/8"
2' 0 3/8"
1' 0 3/8"
7 1/2"

7 1/2"
1' 0 3/8"
2' 0 3/8"
1' 0 3/8"
7 1/2"

7 1/2"
2' 0 3/8"
7 1/2"

7 1/2"
3' 1 1/8"
7 1/2"

7 1/2"
1' 0 3/8"
2' 0 3/8"
1' 0 3/8"
7 1/2"

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SIZES are overall steel frames.

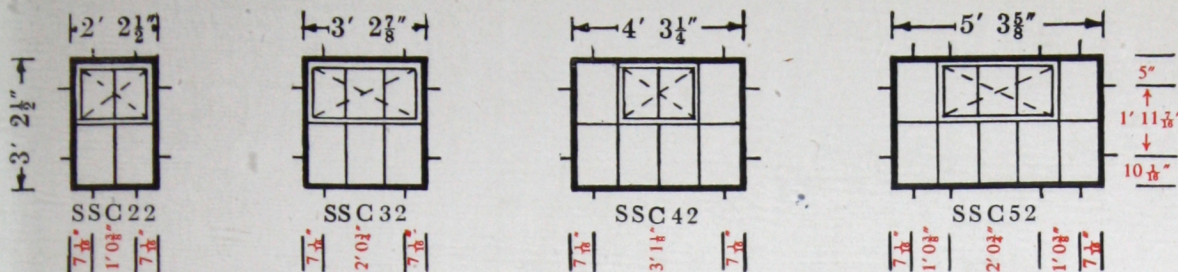
GLAZING. Holes are drilled and spring wire glazing clips are supplied. Special Metal Sash Putty should be used.

GLASS SIZES on back cover.

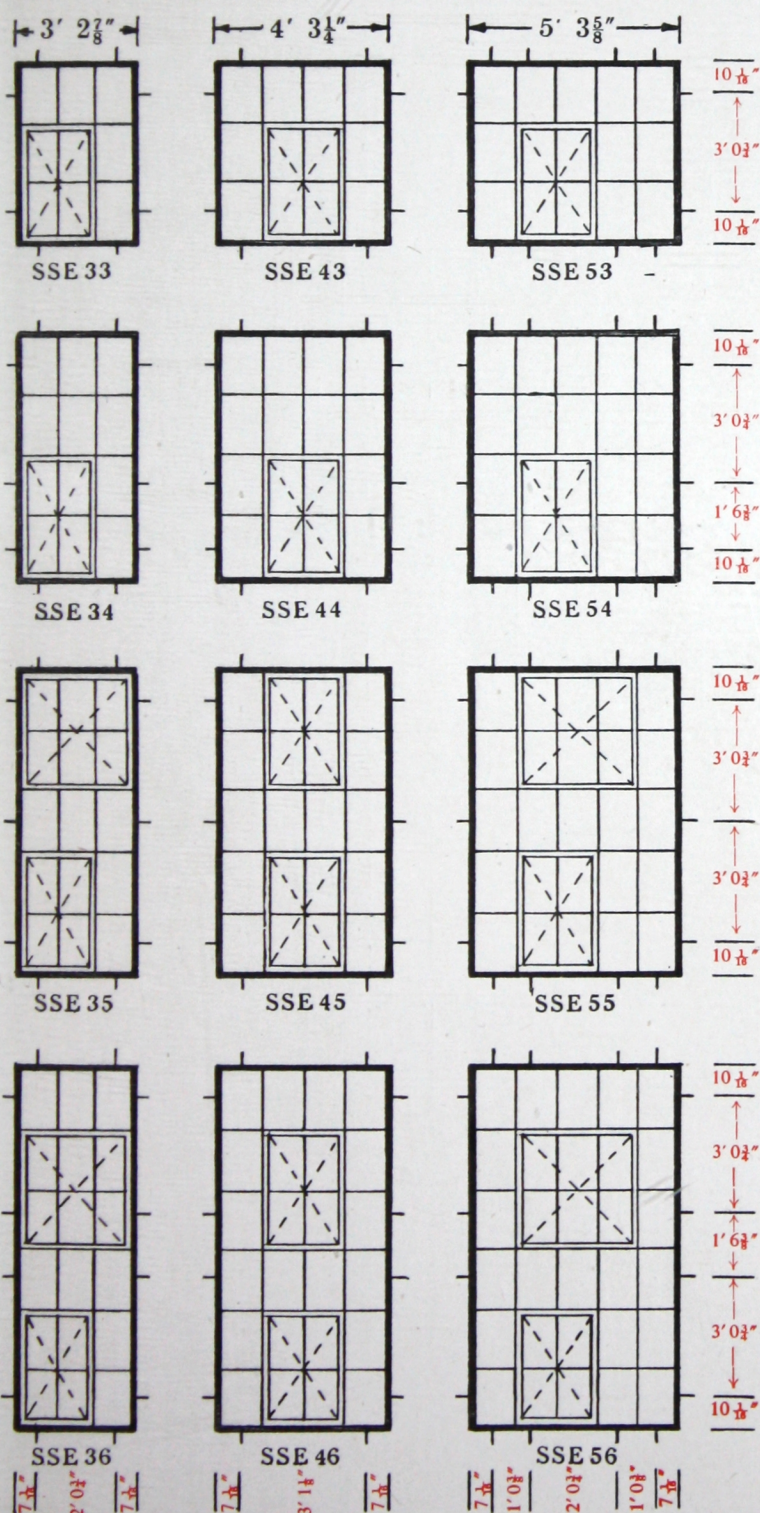
FINISH. Hot-dip galvanized and delivered unpainted.

Handling, fixing and glazing instructions are sent with each consignment.

POSITIONS OF FIXING HOLES IN RED



SASHES with FIRE ESCAPE CASEMENTS (*shown below*).
Lower casements are side hung opening outwards, hinged on right-hand side looking from inside, and fitted with a bronze handle and peg stay. Upper ventilators are horizontally centre hung, unless ordered as top or bottom hung.



Fixing hole positions are shown in red.

Lugs are slotted and reversible and can be adjusted to suit brick courses.

When fixing is to steelwork or when composite windows of varying units are required, you are requested to apply to us for drawings showing overall sizes and construction.

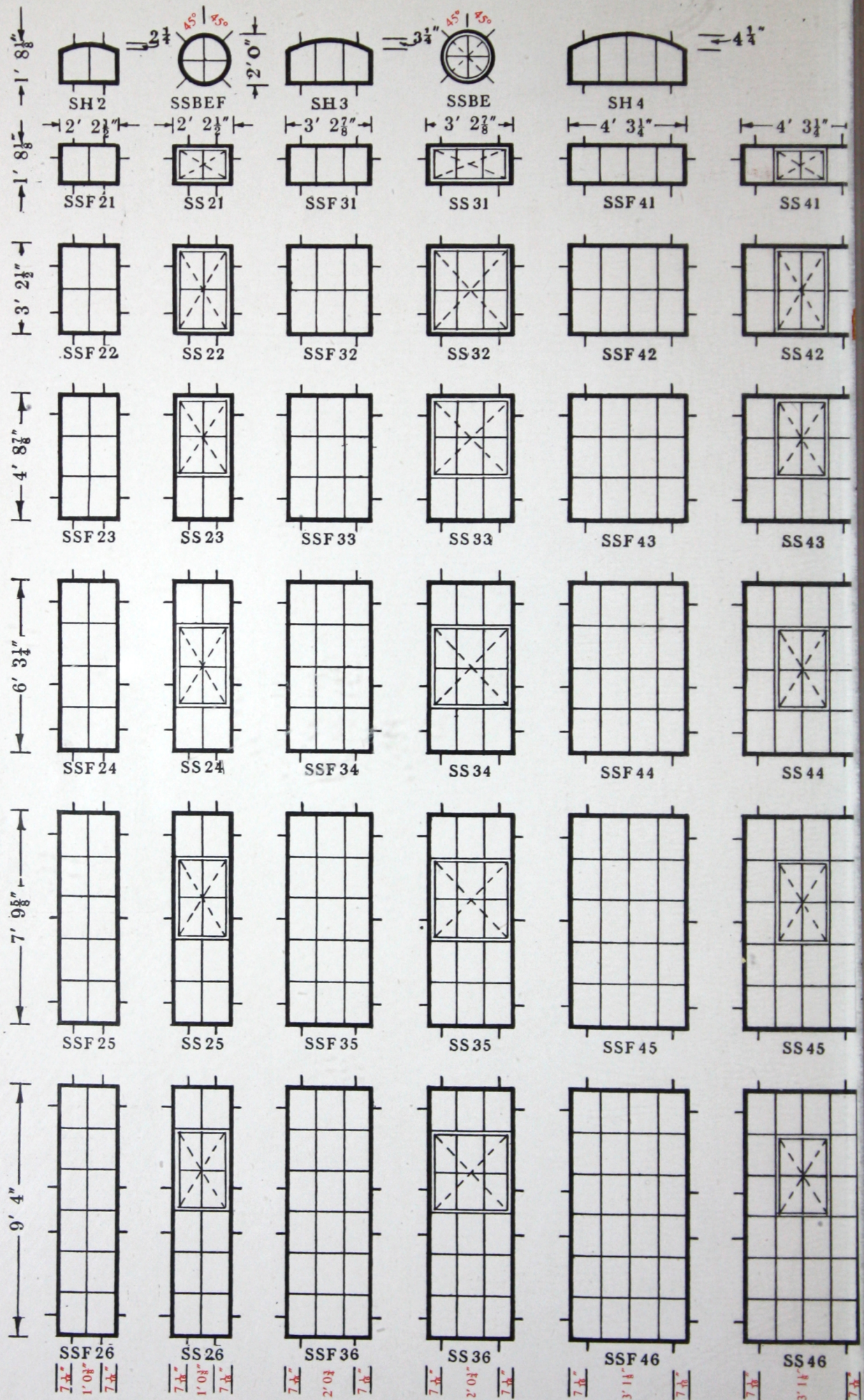
GEARING

We are designers and manufacturers of all types of Gearing, from hand-operated single units to electrically operated installations for long ranges of sashes.

For further details please ask for our List No. 180.

ALL PREVIOUS LISTS CANCELLED

HOPE'S GALVANIZED SASHES

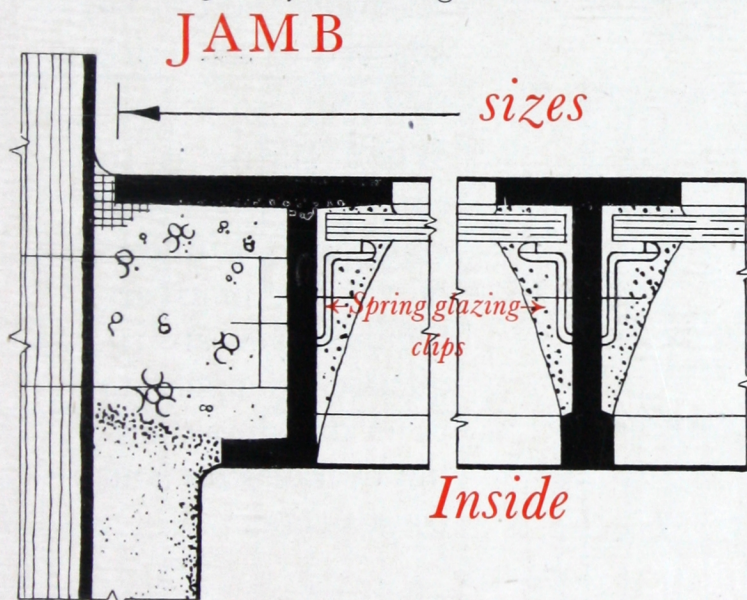


INSIDE ELEVATIONS

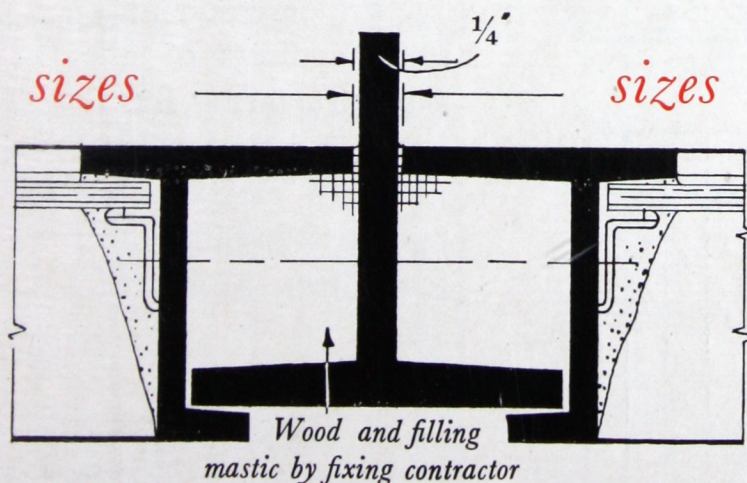
HOPE'S *Standard* SASHES

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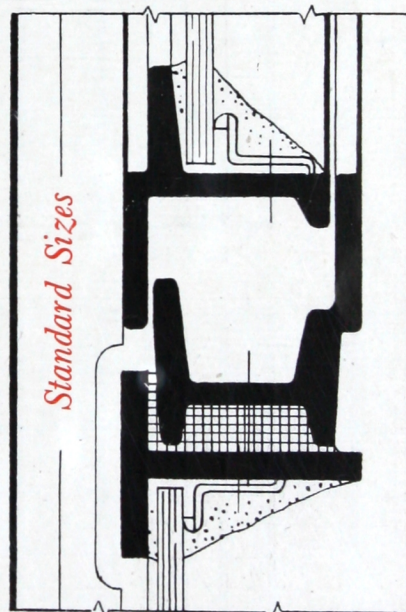
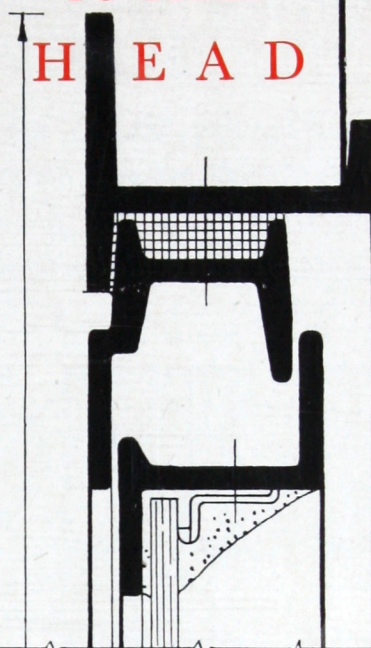


COUPLING MEMBER



FULL SIZE DETAILS

TEE MULLION
PROJECTS 1"
UNLESS FIXED
TO STEEL



HOPE'S *Standard* HOT-DIP GALVANIZED STEEL SASHES

GLASS SIZES
CLEARANCE HAS BEEN DEDUCTED

ALL FIXED LIGHT PANES ARE 1'-6" x 1'-0"

VENTILATORS:



*Horizontal Centre Hung,
Top Hung, Bottom Hung or Hoppers*



*Horizontal Centre Hung, Top Hung,
Bottom Hung, Side Hung or Hoppers*

$$A = 1' - 3\frac{3}{8}" \times 10\frac{5}{8}"$$

$$B = 1' - 3\frac{3}{8}" \times 1' - 0"$$

$$C = 1' - 4\frac{5}{8}" \times 10\frac{5}{8}"$$

$$D = 1' - 4\frac{5}{8}" \times 1' - 0"$$

HENRY HOPE & SONS LTD

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Telephone: SMethwick 0891

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Westminster Bank Chambers
3 York Street, Manchester 2
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1 Blythwood Square, Glasgow C2
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LEEDS

Provincial House
Albion Street, Leeds
Telephone: Leeds 20708-9